UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

34205

7590

07/03/2006

OPPENHEIMER WOLFF & DONNELLY LLP 45 SOUTH SEVENTH STREET, SUITE 3300 MINNEAPOLIS, MN 55402

EXAMINER

KIM, CHRISTOPHER S

ART UNIT PAPER NUMBER

3752

DATE MAILED: 07/03/2006

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/662,066 | 09/12/2003 | Quy Duc Bui | 13996-357 | 1936 |

TITLE OF INVENTION: NOZZLE WITH FLOW RATE AND DROPLET SIZE CONTROL CAPABILITY

| APPLN. TYPE | PPLN. TYPE SMALL ENTITY ISSUE FEE | | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|-----------------------------------|-------|-----------------|------------------|------------|
| nonprovisional | YES | \$700 | \$300 | \$1000 | 10/03/2006 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

| INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected by maintenance fee notification | respondence including the l below or directed otherwise | smitting the ISSU Patent, advance or in Block 1, by (a | E FEE and PU ders and notific) specifying a | JBLICATION FEE (if rectation of maintenance fees new correspondence address | quired). Blocks 1 through 5 s will be mailed to the current as; and/or (b) indicating a sep | should be completed where correspondence address as arate "FEE ADDRESS" for | |
|--|--|--|--|---|---|---|--|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) | | | | Fee(s) Transmittal, T | Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. | | |
| 34205 75 | 90 07/03/2006 | | | | | | |
| OPPENHEIMER WOLFF & DONNELLY LLP 45 SOUTH SEVENTH STREET, SUITE 3300 MINNEAPOLIS, MN 55402 | | | | Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. | | | |
| , | | | | | | (Depositor's name) | |
| | • | | | | | (Signature) | |
| | | | | | | (Date) | |
| APPLICATION NO. | FILING DATE | | FIRST NAMED I | NVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
| 10/662,066 | 09/12/2003 | | Quy Duc | Bui | 13996-357 | 1936 | |
| TITLE OF INVENTION: N | | E AND DROPLET | • • | | 13770-337 | 1730 | |
| | | | | | | | |
| | | | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FE | EE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE | |
| nonprovisional | YES | \$700 | | \$300 | \$1000 | 10/03/2006 | |
| EXAM | INER | ART UN | IT . | CLASS-SUBCLASS | 7 | | |
| KIM, CHRIS | STOPHER S | 3752 | · · · · · · · · · · · · · · · · · · · | 239-519000 | | | |
| 1. Change of correspondence | e address or indication of "Fe | ee Address" (37 | 2. For printin | ng on the patent front page, | list | | |
| CFR 1.363). Change of correspond | lence address (or Change of (| Correspondence | | s of up to 3 registered pate , alternatively, | ent attorneys 1 | | |
| | lence address (or Change of (22) attached. | | (2) the name | of a single firm (having as | | | |
| "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. | | | | | | | |
| 3. ASSIGNEE NAME AND | RESIDENCE DATA TO B | E PRINTED ON T | HE PATENT (| print or type) | | ···· | |
| PLEASE NOTE: Unless recordation as set forth in | an assignee is identified be 37 CFR 3.11. Completion of | low, no assignee of this form is NOT | data will appear | r on the patent. If an assign filing an assignment. | gnee is identified below, the d | ocument has been filed for | |
| (A) NAME OF ASSIGNI | | | | CE: (CITY and STATE OR | | | |
| | | | | | | | |
| Diago shook the annuariets | | | | | 0 | | |
| Please check the appropriate | assignee category or categor | ries (will not be pri | nted on the pate | ent): U Individual U (| Corporation or other private gr | oup entity Government | |
| 4a. The following fee(s) are | enclosed: | 4b | . Payment of Fe | ` ' | | | |
| ☐ Issue Fee ☐ Publication Fee (No s | mall entity discount permitte | d) | _ | the amount of the fee(s) is e credit card. Form PTO-203 | | | |
| Advance Order - # of | Copies | | ☐ The Directo | r is hereby authorized by ch | parge the required fee(s), or cre | dit any overpayment, to | |
| 5. Change in Entity Status | (from status indicated above |) | Deposit Acc | ount Number | (enclose an exti | a copy of this form). | |
| a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). | | | | | | | |
| The Director of the USPTO i | is requested to apply the Issu | e Fee and Publicat | ion Fee (if any) | or to re-apply any previou | sly paid issue fee to the applica | ation identified above. | |
| The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. | | | | | | | |
| Authorized Signature Date | | | | | | | |
| Typed or printed name | | | | Registration | No | | |
| This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. | | | | | | | |



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|-----------------|-------------------|----------------------|---------------------------------|------------------|--|
| 10/662,066 | 09/12/2003 | Quy Duc Bui | 13996-357 | 1936 | |
| 34205 7 | 590 07/03/2006 | | EXAMINER | | |
| OPPENHEIMEI | R WOLFF & DONNE | Kim, Christopher S | | | |
| | NTH STREET, SUITE | ART UNIT | PAPER NUMBER | | |
| MINNEAPOLIS, | MN 55402 | | 3752 DATE MAILED: 07/03/2006 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 47 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 47 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.